

Converting Colors

CIELCh(67, 41.233, 320.146)

Have a look what the booklet for
CIELCh(67, 41.233, 320.146)
contains.

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Color

CIELCh(67, 41.291, 319.938)

Conversions

Conversions Part 1

Format	Color
Hex	C590D3
RGB	197, 144, 211
RGB Percent	77%, 56%, 83%
CMY	0.2265, 0.4344, 0.1716
CMYK	0.07, 0.32, 0.00, 0.17
HSL	287°, 43%, 70%
HSV	287°, 32%, 83%
XYZ	44.8833, 36.6320, 66.4897
YIQ	167.4850, 10.0810, 32.0730

Conversions

Conversions Part 2

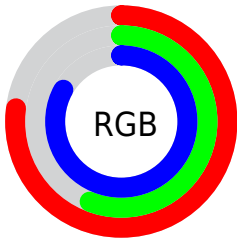
Format	Color
R_{YB}	197, 144, 211
Decimal	12947667
CIE _{Lab}	67.00, 31.60, -26.58
CIE _{LCh}	67, 41.291, 319.938
Yxy	36.6320, 0.3033, 0.2475
Android (android.graphics.Color)	4291137747 (0xFFC590D3)
YUV	167.4850, 21.4529, 25.8847
Hunter-Lab	60.5244, 26.4533, -22.7666

Details

The CIELCh color $67, 41.291, 319.938$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 40.672, 136.871$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.572, 325.174$, and $47, 40.925, 319.850$ is the 20% darker color. If you saturate the color by 10%, you get $62, 54.205, 320.349$, and if you desaturate by 10%, it is $72, 28.172, 319.497$.

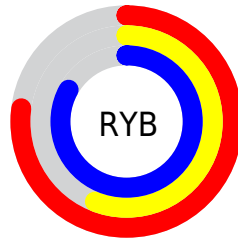
Distribution



Red (77%)

Green (56%)

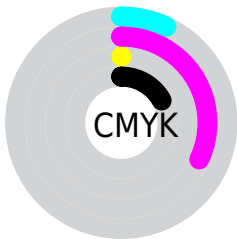
Blue (83%)



Red (77%)

Yellow (56%)

Blue (83%)

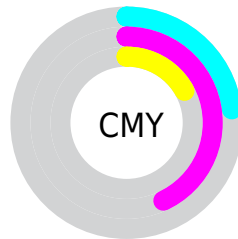


Cyan (7%)

Magenta (32%)

Yellow (0%)

Black (17%)



Cyan (23%)


Magenta (43%)


Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 41.291, 319.938 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 67, 41.291, 319.938 by changing the saturation by 10% instead.

 67, 41.291,
319.938


 67, 41.291,
319.938

 100, 41.291,
319.938

 57, 41.291,
319.938


 87, 41.291,
319.938

 47, 41.291,
319.938

 97, 41.291,
319.938

 37, 41.291,
319.938

 27, 41.291,
319.938

 17, 41.291,
319.938

 7, 41.291, 319.938

 0, 41.291, 319.938

67, 41.291,
319.938

67, 41.291,
319.938

62, 54.205,
320.349

72, 28.172,
319.497

57, 66.573,
320.703

78, 15.093,
319.044

53, 77.915,
320.963

84, 2.203, 318.522

49, 87.649,
321.084

89, 10.406,
138.219

46, 95.172,
321.018

95, 22.687,
137.810

44, 100.044,
320.724

97, 25.046,
135.424

43, 102.340,
320.328

97, 24.337,
132.198

97, 23.708,
128.754

■ 98, 23.171,
125.100

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67, 41.291, 319.938



80, 40.672, 136.871

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 41.291, 319.938



67, 41.291, 9.938



67, 41.291, 139.938



67, 41.291, 189.938

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67, 41.289, 319.938



93, 14.979, 318.970



66, 29.308, 283.990



49, 10.232, 319.035



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 41.289, 319.938



76, 57.594, 320.218



68, 35.801, 335.880



41, 7.231, 318.938



34, 86.368, 320.443



4, 29.235, 319.788

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67, 27.463, 6.178



75, 38.778, 7.255



79, 35.461, 151.048



41, 4.625, 3.390



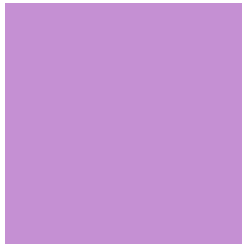
35, 67.449, 28.357



4, 20.232, 9.803

Previews

White Background



This preview shows how the CIELCh color 67, 41.291, 319.938 looks on a white background.

Color Contrast Check

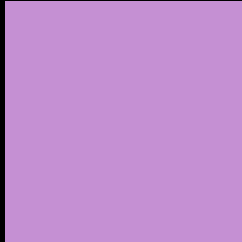
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 41.291, 319.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

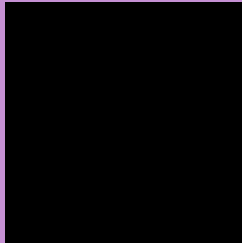
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 41.291, 319.938

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.291, 319.938.



This preview shows how white text looks on a background with the CIELCh color 67, 41.291, 319.938.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
67, 16.107, 356.858

Trichromacy



Original Color
67, 41.291, 319.938



Protanomaly
67, 35.635, 298.419



Deuteranomaly
67, 31.124, 303.859



Tritanomaly
67, 23.825, 334.038

Monochromacy



Original Color
67, 41.291, 319.938



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 15.696, 319.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.291, 319.938 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 144, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 144, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 144, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.291, 319.938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

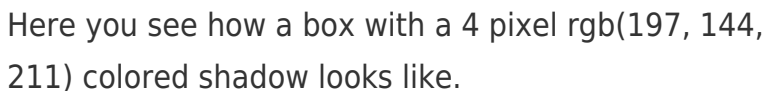
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 144, 211) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 144, 211) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(197, 144, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 144, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 144, 211); box-shadow:4px 4px 4px 4px rgb(197, 144, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.291, 319.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
144, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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